



PATENT
Docket No. 265.00190101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): High et al.) Group Art Unit: 1646
Serial No.: 09/877,220) Examiner: Michael Brannock
Confirmation No.: 8535)
Filed: June 8, 2001)
For: METHODS FOR TREATING NEUROPATHOLOGICAL STATES AND
NEUROGENIC INFLAMMATORY STATES AND METHODS FOR
IDENTIFYING COMPOUNDS USEFUL THEREIN

11/8
J.G.J.
5/7/03

AMENDMENT AND RESPONSE

Assistant Commissioner for Patents
Washington D.C. 20231

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MAY 05 2003
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Dear Sir:

In response to the Office Action mailed January 29, 2003, please amend the
above-identified application as follows:

In the Claims

Please cancel claims 1-19, 22, 23, and 25-28, amend claims 20, 21, 24 and 29-31,
and add new claims 32-67. The new and amended claims are provided below in clean form. Per
37 C.F.R. §1.121, amended claims are also shown in Appendix A with notations to indicate
changes made (for convenience, all pending claims, including those added hereby, are provided
in Appendix A).

20. [AMENDED] A method for identifying a compound that alters NR1 subunit distribution
in a cell, the method comprising:

contacting a cell with a compound;
activating an NMDA glutamate receptor present on the cell; and
detecting the distribution of NR1 subunit in the cell, wherein an alteration in the
distribution of NR1 subunit in the cell contacted with the compound relative to the distribution